



GSAT-11

GSAT-11

GSAT-11 is the next generation high throughput communication satellite of India and is the heaviest satellite built by ISRO. GSAT-11 is the fore-runner in a series of advanced communication satellites with multi-spot beams covering Indian mainland and Islands. Use of Ka-band is introduced in India, for the first time, use of Ka-band is introduced in India through indigenously built GSAT-11.

The satellite is scheduled for launch onboard Ariane-5 launch vehicle (VA 246) from French Guiana.

Salient features

- | | |
|-------------------------|---|
| 1. Lift of Mass | : 5854 kg |
| 2. Orbital Location | : 74° E |
| 3. Spacecraft Power | : 13.6 kW |
| 4. Payload | : 32 user beams (Ku-band) & 8 Hub beams (Ka-band) |
| 5. Throughput data rate | : 16 Gigabits per second |
| 6. Mission Life | : 15 Years |

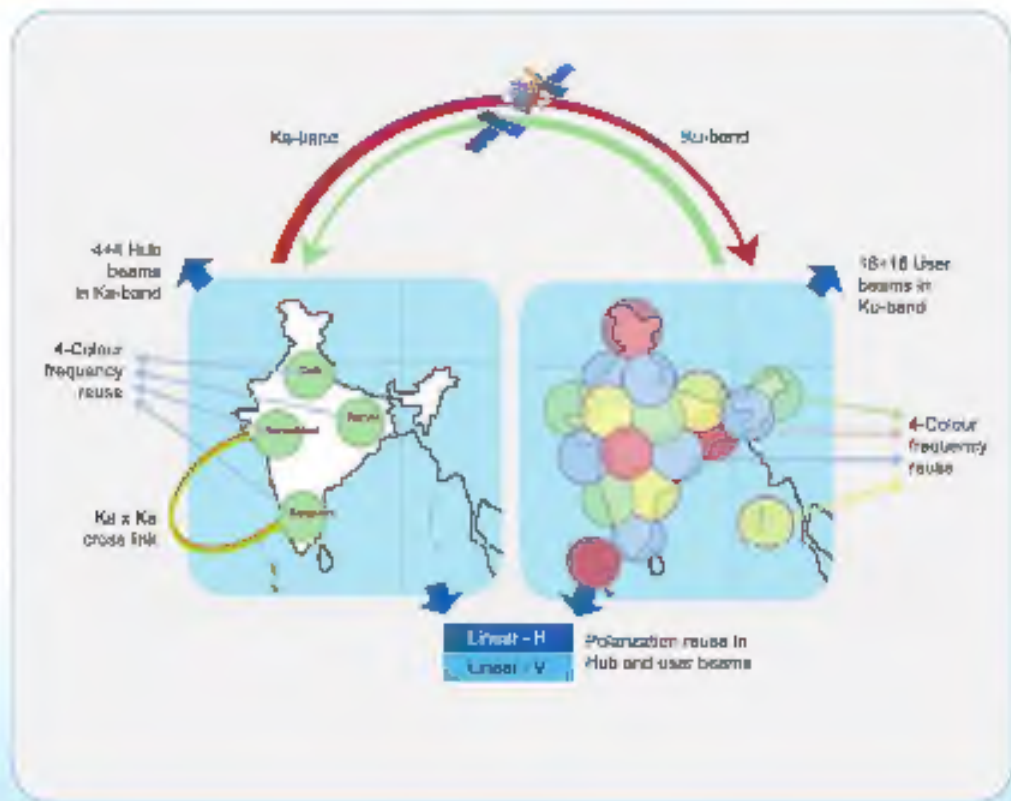


1st 6 ton class satellite of ISRO

34th Communication Satellite built by ISRO

Applications

- GSAT-11 provides high data rate connectivity for users over India using spot beams
- It provides broadband connectivity to Gram Panchayats under BharathNet project, as part of Digital India programme
- GSAT-11 also supports high data rate applications for enterprise network and consumer broadband applications.



GLIMPSES



Indian Space Research Organisation

Office of Media and Public Relations

ISRO Headquarters, Antaksh Bhavan, New BEL Road, Bengaluru-560 094, India

Telephone: +91-80-23415474 | Fax: +91-80-23412253

Follow us on: www.isro.gov.in | @isro on Twitter | www.facebook.com/ISRO/